

Title (en)
MOBILITY MANAGEMENT METHOD AND DEVICE

Title (de)
MOBILITÄTSVERWALTUNGSVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCÉDÉ ET DISPOSITIF DE GESTION DE MOBILITÉ

Publication
EP 2930986 A4 20160316 (EN)

Application
EP 12891008 A 20121231

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Abstract (en)
[origin: EP2930986A1] Embodiments of the present invention provide a mobility management method and a device, where the mobility management method includes: receiving, by a single radio controller SRC, a paging message for a user equipment UE sent by at least one first network device, where the paging message carries a user identifier used for indicating the UE; determining, by the SRC, a paging management context of the UE according to the user identifier in the paging message, where the paging management context of the UE records network standard information, and the network standard information is used for indicating a network standard on which the UE camps when switching to an idle state or a network standard to which the UE is redirected after switching to an idle state; and determining, by the SRC, a paging range according to the paging message and the paging management context of the UE, and initiating paging on the UE in a cell in the paging range. The mobility management method and the device provided in the embodiments of the present invention implement optimization on a paging process and improve a mobility management effect.

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Citation (search report)
• [X] WO 2009089005 A2 20090716 - ALCATEL LUCENT USA INC [US], et al
• [A] WO 2010071545 A1 20100624 - ERICSSON TELEFON AB L M [SE], et al
• [A] WO 2008100681 A1 20080821 - MOTOROLA INC [US], et al
• See references of WO 2014101230A1

Cited by
US10194416B2; US10856255B2

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EP 12891008 A 20121231; CN 2012088133 W 20121231; CN 201280002504 A 20121231; RU 2015131847 A 20121231; US 201514788236 A 20150630